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各PCTガゼットの巻頭に掲載されている「コードと略語  
のガイダンスノート」を参照。(54) Title: POLYIMIDE PRECURSOR SOLUTION, TRANSFER/FIXING MEMBER AND PROCESS FOR PRODUCING  
POLYIMIDE SEAMLESS BELT

WO 03/074587 A1

(54) 発明の名称: ポリイミド前駆体溶液、転写・定着部材およびポリイミドシームレスベルトの製造方法

(57) Abstract: A polyimide precursor solution exhibiting desirable coating operability, and a transfer/fixing member, such as a polyimide seamless belt, obtained from the polyimide precursor solution. The polyimide precursor solution is produced by dissolving a polyimide precursor being a homopolymer or copolymer of polyamido acid in a mixed solvent composed of at least one low-boiling solvent having a boiling point of below 100°C and at least one high-boiling solvent having a boiling point of 100°C or higher wherein the high-boiling solvent is contained in an amount of 5 to 55 wt.% based on the weight of all the solvents.

(57) 要約: 本発明の課題は、塗装作業性の良好なポリイミド前駆体溶液およびそのポリイミド前駆体溶液より得られるポリイミドシームレスベルト等の転写・定着部材を提供することにある。ポリイミド酸のホモポリマーまたはコポリマーであるポリイミド前駆体を、沸点が100°C未満の低沸点溶媒の1種または2種以上と、沸点が100°C以上の高沸点溶媒の1種または2種以上とからなる混合溶媒であって、上記高沸点溶媒が全溶媒の5〜55質量%の範囲で含まれている混合溶媒に溶解してポリイミド前駆体溶液を製造する。

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/02612

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> C08G73/10, C08L79/08, G03G15/20, G03G15/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> C08G73/00-73/26, C08L79/00-79/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 8-333450 A (Mitsui Toatsu Chemicals, Inc.), 17 December, 1996 (17.12.96), Claims; example 3 (Family: none)	1, 3 2, 4-9
X A	JP 61-004730 A (Japan Synthetic Rubber Co., Ltd.), 10 January, 1986 (10.01.86), Page 4, lower right column, line 12 (Family: none)	1 2-9
A	JP 2002-121382 A (Toray Industries, Inc.), 23 April, 2002 (23.04.02), Full text (Family: none)	1-9

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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International application No.  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-162604 A (Denso Corp.), 16 June, 2000 (16.06.00), Claims (Family: none)	1-9
A	EP 705862 A1 (UNITIKA LTD.), 10 April, 1996 (10.04.96), Claims & JP 8-157599 A & US 5719253 A	1-9
A	US 5589111 A (Chisso Corp.), 31 December, 1996 (31.12.96), Claims & JP 8-157598 A	1-9
A	JP 7-317502 A (Chisso Corp.), 05 December, 1995 (05.12.95), Claims (Family: none)	1-9

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